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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

22858 U.S.P.T.O.
10/805296
032204

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Atty. Dkt.: 2635-206
Date: March 22, 2004

Sir:

Attached for filing is the patent application of:

Inventor: SAKAI et al

Entitled: GAS CONCENTRATION DETECTING APPARATUS

and including attachments as noted below:

Newly executed Declaration, Copy of Declaration from prior application, Abstract
 Please delete the following inventors in the continuation/division/continuation-in-part application:

Deleted persons:

32 pages of specification and claims (including 22 numbered claims), and
 8 sheets of accompanying drawing/s for Figures 1 - 11.
 Record the attached assignment to DENSO CORPORATION, Aichi-pref., Japan and return to the undersigned.
 Attached is a Power of Attorney.
 Priority is hereby claimed under 35 U.S.C. § 119 based on the following foreign applications:

Application Number	Country	Day/Month/Year Filed
2003-81490	JAPAN	24 March 2003

, respectively, the entire content of which is hereby incorporated by reference in this application..

Certified copy(ies) of foreign application(s) is/are attached.
 Certified copy(ies) filed on _____ in prior appln. no. _____ filed _____
 Petition filed in prior application to extend its life to insure co-pendency.
 The prior application is assigned to _____
 It is hereby requested that the Examiner consider the art cited in the parent application by applicant and/or the Examiner for the reasons stated therein. A listing of that art is attached.
 Applicant claims "small entity" status. "Small entity" statement attached.
 Please enter the attached preliminary amendment prior to calculation of filing fee:
 Also attached: Information Disclosure Statement; Non-Publication Request; Nucleotide and/or Amino Acid Sequence Submission; Statement deleting Inventor(s) named in prior application; Other: PTO 1449 W/Reference

FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY HEREWITH CANCELED

Basic Filing Fee	\$	770.00
Total effective claims 22 - 20 (at least 20) = 2 x \$ 18.00	\$	36.00
Independent claims 3 - 3 (at least 3) = 0 x \$ 86.00	\$	0.00
If any proper multiple dependent claims now added for first time, add \$290.00 (ignore improper)	\$	0.00
	SUBTOTAL	\$ 806.00
If "small entity," then enter half (1/2) of subtotal and subtract		-\$(0.00)
Assignment Recording Fee (\$40.00)	SECOND SUBTOTAL	\$ 806.00
		\$ 40.00
	TOTAL FEE ENCLOSED	\$ 846.00

Any future submission requiring an extension of time is hereby stated to include a petition for such time extension.

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

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NIXON & VANDERHYE P.C.

By Atty: Larry S. Nixon, Reg. No. 25,640

Signature: 